

3M Safety-Walk™ Cushion Matting 5100

(3M™ Safe-tigue™ Matting)

Product Bulletin

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 Author: George Di Scala Page 1 of 1

Description

The product is a durable, flexible vinyl mat with an open construction for easy cleaning, comfort and safety.

Its construction allows easy traffic of typical carts over the surface. The vinyl composition offers excellent resistance to a variety of chemicals, greases and detergents found in industrial or food service environments.

Product Positioning

Provides anti-slip and anti-fatigue properties, when used in food service and/or industrial applications.

The United State Department of Agriculture (USDA) has approved Safety-Walk™ Cushion Matting 5100 for use in federally inspected meat and poultry plants.

Limitations of Use

The mat is not recommended as an entryway walk-off mat.

Special Features

- Anti-slip and comfortable
- Grease and oil resistant
- Allows easy water drainage
- Excellent chemical resistance
- Allows cart traffic

Colors

Quarry tile red
 Ebony Black

Sizes

914 mm x 1.5 m
 914 mm x 3.0 m
 914 mm x 6.0 m

Packaging and Marking

Pre-cut mats: 1 mat per case. *Rolls* 1 roll per case. Each case is marked with product name, size, color, and manufacturer's trade name.

Installation & Cleaning

Instructions

For Dry Areas:

1. Shake dirt from mat and remove from service area.
2. Sweep and remove dirt from service area.
3. If needed, mop or flush service area.

4. If needed, flush both sides of the mat with warm water to remove remaining dirt.

5. Allow mat to dry flat before placing mat back into service.

For Wet Areas:

Flush both sides of mat daily with warm water.

Periodic Maintenance:

1. Remove mat from service area if needed (no drainage in area).
2. Mop mat(s) on both sides with a disinfectant cleaner and let stand for ten (10) minutes.
3. Flush mat with warm water.
4. Allow mat to dry flat before placing back into service

Accessories

Matting Edging - High Profile

Product disposal

Post-consumer waste can be disposed off in appropriate containers and/or be incinerated.

Product Requirements

Property	Value
Thickness ¹ ASTM D418-68 Sect 30-35	12.0 mm
Weight ¹	6.9 kg/cm ²
Microbiological properties ASTM G-21-70	Inhibiting to fungal growth
Flammability • NF P92507 (FR) • Bureau Veritas (FR) • V.K.F (CH) • Doc FF.1.70 (USA) • ASTM E 648 (USA)	M3 Class 2 5 - 2 Passes > 1.0 watt / cm ²
Electrical properties • Dielectrical strength ASTM D -149 • Volume Resistivity ASTM D-257 • Insulation Resistance ASTM D-257	9.4 KV 6.2 x 10 ¹¹ ohms/cm 2.4 x 10 ¹¹ ohms
Environmental resistance ASTM D-746	- 29°C to 60°C
Crush recovery from static load (0.7kg/cm ² for 24hrs)	99% recovery
• Coefficient of friction Dry leather Dry rubber Wet leather Wet rubber Oil leather Oil rubber • B.I.A (GE) (ZH 1/571 & DIN 51130)	1.20 1.13 1.16 1.14 1.14 1.02 R10, V10

* Typical average values

Resistance to chemicals

(All tests 30 days at 22° C)

Solution	Value ¹
Acid chrome plating solution	Excellent
Acid organic (pickle juice)	Poor
Ammonium persulfate	Excellent
Brake fluid	Excellent
Chlorinated solvents	Poor
Degreaser solutions ²	Excellent
Dishwashing soaps	Excellent
Electroless tin solution	Excellent
Ethyl alcohol	Excellent
Ethylene glycol	Excellent
Ferric chloride	Excellent
Gasoline	Excellent
Glycerine	Excellent
Hexane	Excellent
Hydraulic fluid	Poor
Hydrochloric acid 10%	Excellent
Isopropyl alcohol	Poor
Ketones	Poor
Lithographic fluid (3M-K-11)	Excellent
Methyl alcohol	Excellent
Mineral spirits	Excellent
Nickel sulfate	Excellent
Oil, cutting ⁽³⁾	Excellent
Oil, lubricating	Excellent
Oil, peanut	Excellent
Oil, vegetable	Excellent
Soap solution 1% Tide	Excellent
Sodium hydroxide	Excellent
Sodium tri-phosphate	Excellent
Water	Excellent
Water 10% salt	Excellent
Water chlorinated	Excellent

¹Excellent = less than 3% dimension change and less than 5% hardness change.

Poor = more than 3% dimension change and more than 5% hardness change. Not recommended for use in presence of the chemical.

²Non chlorinated

Warranty

3yr warranty, see conditions

Origin of product

Made in USA, in an ISO 9002 certified plant.

